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First Named Inventor : M. KASA

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJZ 19.408

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

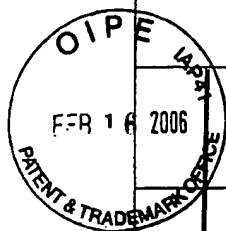
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
RW		5,600,643		ROBROCK, II	02-04-1997	
↓		5,844,906		KHELGHATTI ET AL.	12-01-1998	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
RW		WO 99/09689		PCT	MOTOROLA INC.	02-25-1999	
↓		0 774 848		EP	XEROX CORPORATION	05-21-1997	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
RW		Supplementary European Search Report dated January 20, 2006	
RW		S. STOJANOVSKI, et al. A Block Reservation Approach for Traffic Management over SuperPON. ATM Workshop Proceedings, May 26, 1998, pages 253-260 XP010280497.	
		J.D. ANGELOPOULOS, et al. Comparison of Traffic Control Issues Between Regular Pons and Superpons. Mediterranean Electrotechnical Conference, Vol. 2 May 18, 1998, pages 769-773, XP010290928.	
		FRANS PANKEN, et al. Investigations on delay and CDV in an ATM-Based optical access network. IEEE ATM WORKSHOP, May 25, 1997, pages 467-476, XP010247432.	
		JOHN D. ANGELOPOULOS, et al. A Transparent MAC Method for Badnwidth Sharing and CDV Control at the ATM Layer of Passive Optical Networks. Journal of Lightwave Technology, vol. 14, no. 12, December 1996, pages 2625-2634, XP000642251.	
		MASSIMO BUZZONI, et al. ATM Traffic Management Systems: ASIC Fast Prototyping. Rapid System Prototyping, June 16, 1999, pages 74-80, XP010343096.	
		S. IDE et al. V PON Receiver IC with a High-Speed ATC Circuit. High Performance Electron Devices for Microwave and Optoelectronic Applications, November 24, 1997, pages 141-146, XP010275369.	
		ITU-T RECOMMENDATIO G.983.1- Broadband Optical Access Systems based on Passive Optical Networks (P ON). Series G: Transmission System and Media Digital Systems and Networks, October 1, 1998, pages 1-118, XP 002145020.	
		FRANS J.M. PANKEN. A TDMA Based Access Control Scheme for an ATM Passive Optical Tree Network. Broadband Communications, April 23, 1996, pages 321-332, XP010525732.	
↓		PRASHANT PRADHAN, et al. Real-Time Performance Guarantees over Wired/Wireless LANs. Real-Time Technology and Applications Symposium, June 3, 1998, pages 29-38, XP010287146.	



RW		JOHN D. ANGELOPOULOS, et al. TDMA Multiplexing of ATM Cells in a Residential Access SuperPON. IEEE Journal on Selected Areas in Communications, vol. 16, no.7, September 1998, pages 1123-1133, XP000785936.	
		TOSHIYUKI SUDO, et al. Analysis of ABR Behavior over ATM-Based Broadband Access Networks. IEICE Transactions on Communications, Communication Society, vol. E81-B, no. 2, February 1998, pages 402-408, XP000778279.	
		JONG-WON KIM. An Optimized ATM-PON Based FTTH Access Network. Information, Communications and Signal Processing, September 9, 1997, vol. 3, pages 1800-1804, XP010264117	
Examiner Signature	/Robert Wilson/	Date Considered	10/13/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Sheet 2 of 2